

# **Pro'sKit®**

## **SS-803F Digital Ultrasonic Cleaner**

### **User Manual**



#### **Features:**

- ✧ Green cleaning – No harmful chemicals
- ✧ To make item cleaning more easily and safe only by using tap water
- ✧ Use ultrasonic bubbles to break down dirt (46,000Hz)
- ✧ Digital operation with 5 cleaning programs
- ✧ Use separately-excited circuit to generate steady oscillation
- ✧ 15% better cleaning and 10% longer product life than self-excited type

## INTRODUCTION

Dear Customer,

Thank you for your purchase and hope that you enjoy using your new Ultrasonic Clean device °

### **Ultrasonic cleaning device**

The vibrations induced by ultrasonic waves, which are transmitted to the liquid, remove soiling both thoroughly and very gently from the surface of many objects which are otherwise difficult to clean. These instructions are intended to help you familiarize yourself with your new

**Ultrasonic cleaning device** and make operation of the device easier.

## READ THE USER GUIDE

Please read the instructions closely before using the device for the first time. It is essential to follow the safety instructions in order to prevent accidents, injuries and damage.

The following operation instructions are intended to help you become acquainted with this product and facilitate its handling. The article is equipped with safety devices. Nevertheless you should read the safety information carefully and only use the article as described in these instructions so that no accidental damage or injury can occur. Please store these instructions in case you would like to read them again at a later time. If you pass the article on to others please ensure that you also give them these instructions

## INDEX

Safety Instructions .....	2/3
Dirt Elimination Processes .....	3
Suggested Applications .....	4
What can not be Cleaned .....	4
Features and Accessories .....	5
Default Time Intervals .....	6
Operation Instructions .....	7/8
Usage of Optional Accessories .....	9
Cleaning Methods .....	10
Maintenance and Storage .....	10
Specification .....	11

# SAFETY INSTRUCTIONS

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following

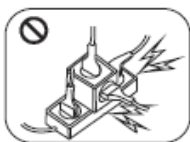
## ⚠ WARNING - To reduce the risk of burn, electrocution, fire or injury to persons



The unit should never be left unattended when plugged in



Close supervision is used by, on, or near children or invalids



Use the unit in right way as per its user guide. Do not use attachment not recommended by the manufacture



Never operate this unit if plug or cord is damaged. Please refer to a service centre for examination and repair



To avoid electric shock, never touch the power cord or socket with wet hands



Keep the unit unplugged before filling. Do not fill water exceed "MAX" line of tank.



Keep the cord away from heated surfaces



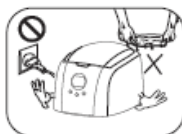
Do not fill the tank with abrasive or corrosive chemicals

	This appliance is not intended for used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliances by a person responsible for their safety.
	Unplug this product before filling. Fill with water only unless otherwise specified by manufacturer. Do not overfill.
	This appliance has a polarized plug (one blade is wider than the other). As a safety feature, this plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature. (This is only available for UL cord and plug)

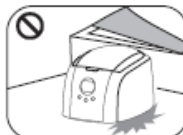
**⚠ DANGER- To reduce the risk of electrocution:**



Always unplug this product immediately after using.



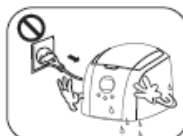
Do not use while bathing



Do not place or store product where it can fall or be pulled into a tub or sink



Do not place in or drop into water or Other liquid



Do not reach for a product that has fallen into water  
Unplug immediately



Children should be supervised to ensure that they do not play with the appliance.

The product may be off or can't be switch off when it is subjected to electromagnetic interference like Fast Transients or Surge voltage. If it occurs, please follow the operation instruction described in the manual to set the function again for operation.

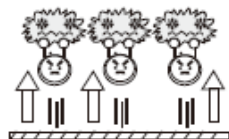
## DIRT ELIMINATION PROCESSES



Many tiny bubbles are created when ultrasonic sound is passed through liquid.



Bubble are imploded constantly under the ultrasonic.



The dirt splits into tiny particles thus separating from the item.

## SUGGESTED APPLICATIONS



### Jewelry

Gold, silver, metal jewelry such as necklaces, rings, earrings, bracelets, watch chains, etc.



### Watches and Glasses / Sunglasses

Glasses, Sunglasses, Watch chains, Waterproof wristwatches etc.



### Toiletry Items

Electric toothbrushes, Electric shaver heads, Razor blades, Dentures, Combs, etc.



### CD-Rack

CDs, VCDs, DVDs etc.



### Office Equipment

Printer heads, Fountain pen nibs, wax or rubber stamps etc.



### Metal Items

Metal or plastic tableware, Bearings, Gears, valves, machine nozzles, small metal parts, old coins, metal badges, etc.



## WHAT CAN NOT BE CLEANED!

### BIJOUTERIE

Hawksbill, Pearl, Emerald, Ivory, Coral, Agate

Maybe the less rigidity of hawksbill or coral will be scrubbed, color changed or brightness lost caused by the rubbing of one object or surface against another.

### PRECIOUS METAL

Soldering metal, Electro Plating metal, Bindings

Be broken off will be happened to the unsolid point of the soldering and binding items by ultrasonic cleaning. The cracked electro plating will be enlarged after cleaning

### WATCH

Watch, Pocket watch (Except the waterproof watch under 30m or more)

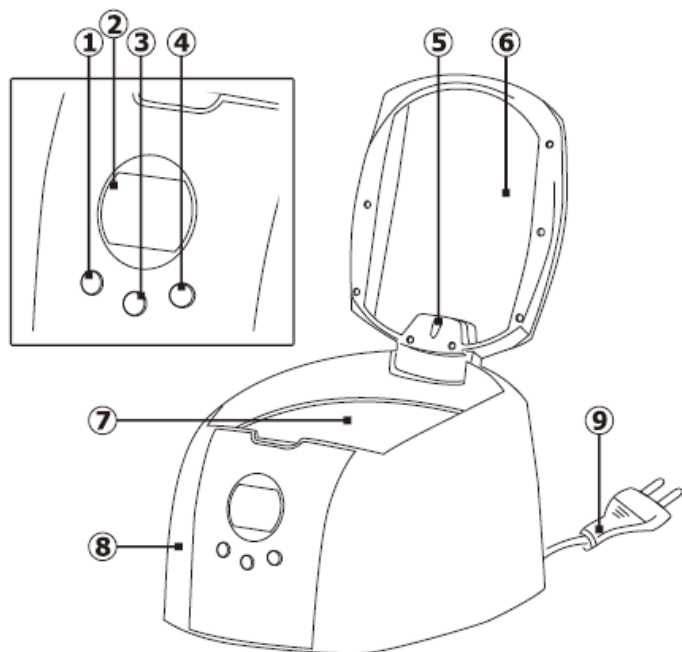
The water will be in the watch movement of little waterproof function for the ultrasonic strong osmosis occasionally.

### OTHERS

Wood, Glass, Contact lens, Ceramic, Camera colored filter

Maybe rift of ceramic, wooden items, or laminated glasses will be enlarged by ultrasonic cleaning. (It won't be happened for the item in perfect condition).

## FEATURES AND ACCESSORIES



1. ON Button

2. Time Display

3. SET Button

4. OFF Button

5. LED

6. View Window

7. Stainless Steel Tank

8. Housing

9. Plug & Cord

### Accessories:



Disk Holder



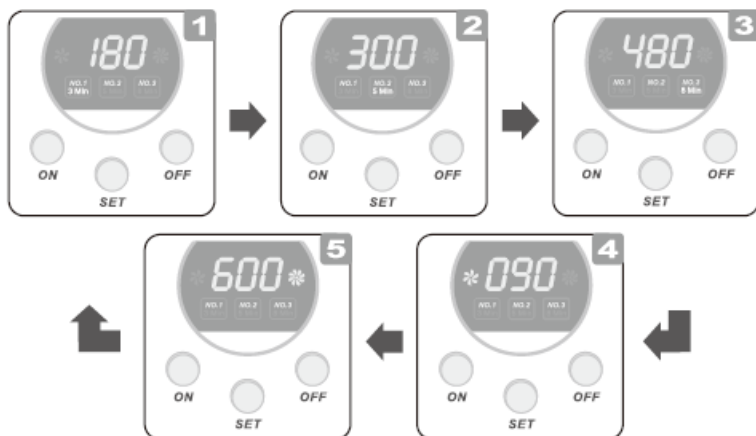
Watch Stand



Basket

## DEFAULT TIME INTERVALS

At the factory there are five times intervals that have been preset for this device.



### 180 seconds:

The standard time for normal degrees of soiling. The specified time appears automatically in the time display if:

- the device is connected to the power supply<sup>1</sup>
- the set button is pressed for the first time for a new cleaning procedure.

### 300 seconds:

Recommended for the first cleaning of objects that have not been cleaned for a long time.

### 480 seconds:

Recommended for the first cleaning when several objects are cleaned together.

### 090 seconds:

Recommended for very light soiling or when a second brief cleaning procedure is required. If the water is found to be dirty, the liquid has to be replaced. In order to remove any residual soiling on the surface you should clean the item again for 90 seconds in the fresh liquid

### 600 seconds:

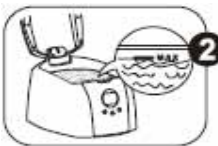
Recommended in order to intensify the cleaning effect.

**Note:** If the cleaning time is too long it is possible that fittings, stickers and decorations that are loosely attached to objects, as well as other loose parts, e.g. screws on/in spectacles, may become detached during the cleaning process.

## OPERATION INSTRUCTIONS



Open the cover, and place the object to be cleaned into the stainless steel tank



Then fill the stainless steel tank with normal tap water. The liquid must cover the object that is to be cleaned, but must not exceed the mark indicating the maximum filling height.



*Never use the ultrasonic cleaning device without water as the device may be damaged!*



Close the cover and insert the mains plug. The figure 180 (180 seconds) appears in the display as standard - this is the standard time for a normal degree of soiling.



Select the desired time from five possible intervals:

→ 180s → 300s → 480s → 90s → 600s →

Use the SET button to set the desired time according to the degree of soiling.



Press ON switch and start the cleaning process. The blue indicator lamp in the housing lights up while the time shown in the display counts down to 0.

**Note:** During cleaning process a quiet vibration noise can be heard; this is caused by the cleaning process.



After the set time has elapsed the cleaning process is automatically stopped, the blue indicator lamp goes off and the display shows 000.



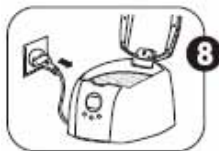


In order to stop the cleaning process earlier than the time set, press the OFF switch. To resume the cleaning process, press the ON switch again. Alternatively, you can use the SET button to select a new time interval and then press the ON switch again.



**Important!** You can repeat the cleaning process in order to intensify the cleaning effect. If the cleaning process is started several the liquid becomes very warm (approx. 41°C after the first cleaning process and approx. 60°C after the third in spite of a five-minute cooling down phase). However, it is recommended that between the cleaning processes a pause of at least five minutes is inserted in order to allow the device to cool down.

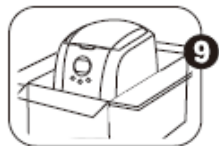
- If you would like to repeat the cleaning process, press the SET button.
- Use the SET button to select the desired time from the five possibilities.
- Press the ON switch and start the cleaning process.



After the cleaning process has ended, remove the mains plug from the socket, open the cover and take the cleaned object out of the device.

**Note:** In order to avoid lime residues, always empty the stainless steel tank and wipe dry with a fabric or microfiber cloth.

We recommend that the liquid should be renewed after every cleaning process if possible.



Please store the device in a cool and dry place.

## USAGE OF OPTIONAL ACCESSORIES

**Note:** The basket insert absorbs one third of the ultrasonic waves and therefore reduces the cleaning performance. It may therefore be necessary to carry out several cleaning processes.



### BASKET

If you would like to clean sensitive and small objects, please use the basket sheet. Place the item to be cleaned in the basket. You can clean several items together in one cleaning procedure.

However you should ensure that the items do not touch on another in order to avoid damage (e.g. scratches).



### WATCH STAND

Please use the watch stand supplied for watchband made of metal. Due to its height, this watch stand allows wristwatches to be inserted above the MAX mark.

In order that it is not necessary to detach the watch housing from the strap, attach the watch in such a way that the housing is outside the liquid.

**Important:** If the watch mechanism is in the liquid, it may be damaged during the cleaning process by the ultrasonic waves.



### DISK HOLDER

Put the disk (CDs, VCDs, DVDs) into the disk holder provided as shown in the picture (2 disks can be cleaned at same time). Then put the holder into cleaning tank which is filled with normal water.

#### Attention:

1. Don't use warm or hot water, as the print mark on the surface is easily got rid of.
2. Please clean CDs/DVDs for max. 90 seconds in the ultrasonic cleaner in order to avoid damage. Repeating the cleaning process will make the cleaning effect more powerful. However, we recommend that you wait at least 5 minutes between cleaning processes.
3. Never use the ultrasonic cleaner without the basket inside. Otherwise, the object to be cleaned could be scratched.

**Note:** Ultrasonic can only clean the dirty on the surface of the disk, please note that the disk which is scratched can't be resumed

## CLEANING METHODS

**General Cleaning:** Use normal tap water for general cleaning (the water should completely cover the item to be cleaned, although the maximum filling height should not be exceeded).

**Basic Cleaning:** Cleaning concentrates can be used to intensify the cleaning effect of the device (e.g. commercially available washing-up liquid).

Fill the stainless steel tank with a cleaning mixture consisting of five parts of water and one part of washing-up liquid (e.g. 250ml of water, 50 ml of washing-up liquid).

Please note the information provided by the manufacturer on the pack.

**Partial Cleaning:** For the partial cleaning of large objects please use the device with the cover open

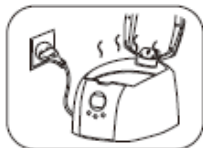
## MAINTENANCE AND STORAGE



Please ensure that the device is switched off and remove the mains plug from the socket.



*The device, cable or plug should never be immersed in water or any other liquid for cleaning and care.*

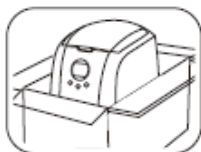


If unit has been working 3 cycles, it is better to stop over 10 minutes, in order to prolong the using life.




Do not clean the ultrasonic cleaner with harsh cleaning products or sharp objects.

Please clean the tank with a piece of cloth and wipe dry.



Keep the device in a cool, dry place, well out of reach of children.

## SPECIFICATION

<b>NAME MODEL:</b>	Digital Ultrasonic Cleaner
<b>ITEM NO.:</b>	SS-803F
<b>TIMER SETTINGS:</b>	180s→ 300s→ 480s→ 90s→ 600s
<b>RATING VOLTAGE &amp; FREQUENCY</b>	AC220-240V~ 50Hz, 50W
<b>ULTRASONIC FREQUENCY</b>	46,000Hz ( 46 KHz )
<b>MATERIAL OF TANK</b>	Stainless steel SUS304
<b>DIMENSIONS ( L x W x H )</b>	228 x 172 x 143 mm
<b>TANK CAPACITY</b>	700 ml ( MAX- : 600 ml )
<b>Plug type</b>	
<b>NET WEIGHT (N.W.)</b>	1.0 KGS
<b>GROSS WEIGHT (G.W.)</b>	1.4 KGS



This marking indicates that this product should not be disposed with other house-hold wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

# Pro'sKit®

## SS-803F 數位超音波清洗器

### 使用說明書



#### 特點：

SS-803F 其電路採用了更先進的它激式振盪原理：

- a. 程式IC輸出的穩定頻率，波形更穩定，雜波少，因此PCB板上的元件發熱量少，有效功率高，產品壽命長10%。
- b. PCB板有可調元件進行微調，可使電路和發生器達到最佳的匹配狀態。
- c. 清洗能力提高15%。
- d. 數碼控制，雙色LED顯示器，5段定時。
- e. 有清洗CD/DVD功能。

## 簡介

尊敬的客戶，您好！

感謝您購買我們的產品，希望您能喜歡您新購買的超音波清洗機。

超音波清洗是以水為介質，在高頻振動下產生成千上萬的小氣泡，利用這些小氣泡爆泡時所產生的能量，使附著在物品表面的污垢脫落，從而達到安全、快速、有效的清洗效果。



在使用超音波清洗機之前，請仔細閱讀本說明書中的安全說明，以預防安全事故的發生。

下面這些操作說明有助於您熟悉並操作本產品。此產品通過了各種安全測試試驗，如果您掌握這些安全資訊，並嚴格得按說明書正確地使用本產品，會避免事故和傷亡的發生。請妥善保管此說明書。若將本產品交於他人使用，請務必將說明書壹起交於使用者，並讓其仔細閱讀

## 目錄

安全說明	14/15
需謹慎清洗的物品	15
超音波除垢過程	16
清洗範圍	16
產品結構及附件	17
時間設置參照	18
附件使用說明	19
操作說明	20/21
清洗方法	21
產品保養	22
產品規格	23

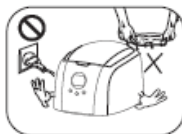
## 安全說明：使用前請仔細閱讀說明細則



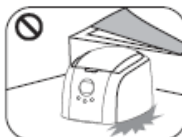
警告 ---- 提高警惕以防發生觸電意外



使用完畢後立即拔下插頭。



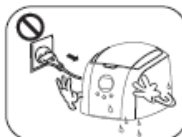
不要讓機器或某部件浸入液體。



將機器放在安全處，以防掉入液體中。



洗澡時切勿使用。



在清洗時，機器若掉入液體中，請先拔掉插頭，再撈出機器。

清洗槽中沒有水時，嚴禁開機，以免“乾燒”損壞機器。

當本機受外來電磁干擾時，可能會出現停止工作或不能正常工作的現象，只要將電源插頭拔出並重新插入，便可恢復正常。

本機應避免又智力障礙以及缺乏常識的人使用，小孩應給予嚴格的監督，確保他們不把本機當玩具玩耍。

勿阻止機器周圍的空氣流動；勿將機器放置在像床和沙發一樣柔軟的表面；機器周圍避免有絲絨和頭髮之類的東西

勿在疲倦或睡覺時使用；勿在戶外使用；勿在有類似噴霧器工作的環境中使用；勿在缺氧的環境中使用

不要將不防水手錶放入清洗槽中清洗。  
不要將用貝殼或玳瑁製成的鏡框或工藝品放入槽中清洗，以免填縫劑及膠水鬆脫。

任何沒有牢固固定的物件都可能因清洗變得鬆動。  
容易掉色的物件不可以用超音波清洗。例如：紡織品，皮具，木製品。

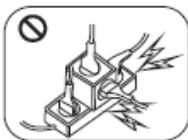
**⊘ 注意—— 以防止發生火災及人員傷亡**



產品應遠離熱源，  
並放置於乾燥、  
平坦的表面。



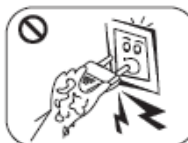
在無人照看時，請  
勿將產品插上電源。



非授權技術人員  
不得拆卸機器。



勿將有腐蝕性的化  
學溶劑加入鋼槽。



加水時切記要拔  
掉電源，水面不要超  
過最大水位線



請不要使用廠家推  
薦以外的配件。



勿用濕手觸摸或拔  
插電源插頭線，以防  
觸電



不要在電源線損壞  
的情況下使用該機  
器。



**需謹慎清洗的物品**

珠寶類  
玳瑁、珍珠、綠寶石  
象牙、珊瑚、瑪瑙等

由於此類工藝品常使用填縫劑和膠水，故在超  
音波清洗時有可能出現填縫劑和膠水脫落。

貴重金屬  
焊接金屬、電鍍金屬  
粘合物等

用超音波清洗，會使焊接點、電鍍層及粘結物  
品原有的縫隙加大，而出現剝落現象。

手錶類  
手錶、懷表等（50 米以  
上的防水錶除外）

因超音波的滲透性強，會使防水性不強的手錶  
有水滲入。

其他  
木製品、玻璃、隱形眼鏡  
陶瓷製品、相機濾色鏡等

鍍膜的玻璃鏡片、陶瓷、木製品、玻璃製品在  
清洗中，原有的細微裂紋偶爾會因清洗而擴大。  
（完好的則不會出現）



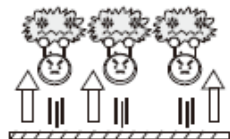
## 超 音 波 的 除 垢 過 程



水在超聲波的作用下，會產生許多微小氣泡。



在超聲波的作用下氣泡會不斷地“爆炸”，衝擊物體表面的污垢



污垢分裂成小顆粒狀並脫離物體表面，而進入水中

### 適用範圍



珠寶首飾類：項鍊，戒指，耳環，手鐲等



眼鏡鐘錶類：眼鏡，太陽眼鏡，手錶鏈，防水手錶等



日常用品類：刮鬍刀刀頭，假牙，梳子，牙刷等



光碟類：正版CD, DVD等碟片

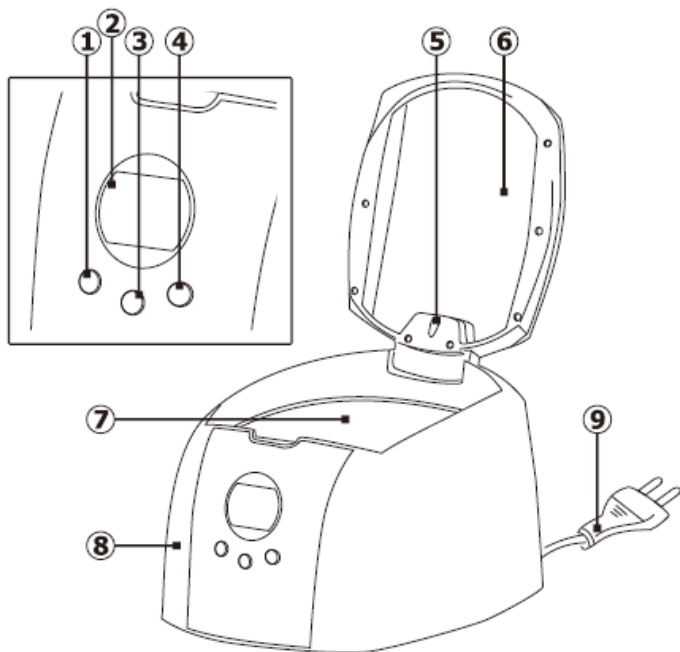


辦公用品類：鋼筆頭，印表機墨頭，印章等



餐具、金屬小零件類：金屬餐具，手錶零件，小軸承、噴油嘴等

## 產品結構及附件



- |           |           |         |
|-----------|-----------|---------|
| 1. 開機鍵    | 2. 數位顯示屏  | 3. 設置鍵  |
| 4. 關機鍵    | 5. LED 藍燈 | 6. 觀察窗  |
| 7. 不鏽鋼清洗槽 | 8. 外殼     | 9. 電源插頭 |

### 附件



CD 支架



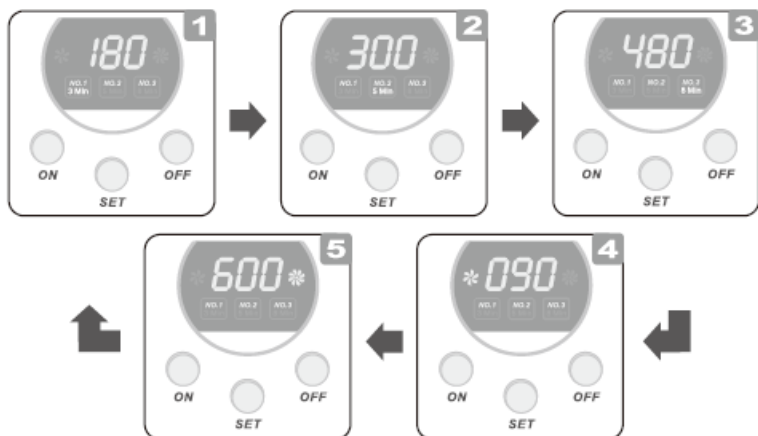
手錶清洗支架



清洗網

## 時間設置參照

本產品設置又五個工作時間段，以供不同需要時選擇：



**180**

當機器接通電源時，數碼顯示屏直接顯示180，這是最常用的清洗時間

**300**

通常用於被清洗物品第一次清洗時使用。

**480**

通常用於本次放入的清洗物品數量較多時使用。

**600**

被清洗物品油垢較多且需要加入“清洗劑”一起清洗時使用，詳見 **加強清洗**

**\*090**

清洗已完成，因污垢較多，水已渾濁，則需換清水後再次清洗時選用

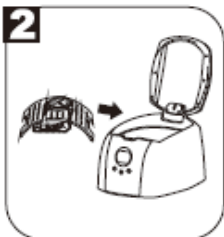
## 附件使用說明



### 網篩

當清洗小物件或邊緣尖銳的物件時，請先將物件放在清洗網中，然後一同放入清洗槽中，這樣可以減少物件與清洗槽的摩擦而產生刮痕。

注意：因清洗網會吸收約 15% 的超音波，故通常只在清洗小物件時使用。



### 手錶清洗支架

因超音波的滲透性強，請不要將手錶（50 米以上的防水手錶除外）直接放入水中清洗，以免可能造成滲水損壞手錶，按圖示將手錶放在手錶清洗支架上，再一同放入清洗槽中清洗。（使水面低於錶盤）



### CD 支架

當正版 CD, DVD, 因保管不慎使其表面有灰塵，若用布擦拭容易刮傷光碟，影響其播放效果。按圖將光碟裝在光碟架上(每次可裝兩片)，然後將光碟架放入鋼槽，加水至水面溢過光碟即可，用“090”時間段清洗一次即可。



- 請不要用溫水或熱水，也不要連續清洗兩次，否則印刷的文字及圖案可能由於清洗力過強而導致脫落。
- 超音波只可以清光碟表面的灰塵，無法修覆已損傷的光碟表面。
- 清洗後的光碟宜採用吹乾或晾乾，不宜用布擦乾，避免刮傷。

## 操作說明



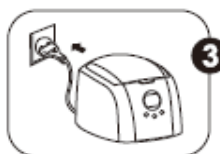
打開蓋子，將需要清洗的物品放入清洗槽中（也可以先將物品放入清洗網中，再一同放入清洗槽中）



將水注入清洗槽，並確定水面沒有漫過最大水位線（MAX -）



當清洗槽中無水時，啟動機器會損壞機器。



蓋好蓋子，接通電源

當電源接通後，機器的數位顯示屏上自動顯示”180”秒，這石最常用清洗時間段



根據不同的需要，可按“SET”鍵自由選擇清洗時間段。

當繼續按“SET”鍵時，數碼顯示屏依次循環顯示清洗時間段，以供選擇

→ 180s → 300s → 480s → 90s → 600s →



選擇了適當的清洗時間後，按”ON”開始清洗，同時藍色的指示燈亮起，數位顯示屏上的時間數字倒計時，顯示本次剩餘的清洗時間

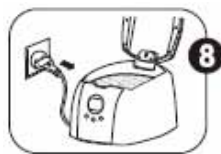
在清洗的過程中，發出”滋滋”的聲音，表示清洗正在進行



當數碼顯示屏上顯示 “000” 時，表示清洗已結束，同時蓋子上的藍燈熄滅。

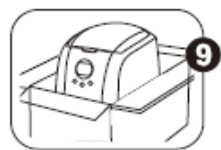


當在清洗過程中，想要暫停或重新設置清洗時間，則可以直接按“OFF”再按“SET”重新選擇清洗時間段



清洗結束後，拔掉插頭，打開機器的蓋子並取出清洗物品。倒出清洗槽裡的水，並將其擦乾

使用機器後，建議用柔軟乾淨的乾抹布擦乾清洗槽內的殘留的水漬



請將機器放置陰涼乾燥處保存。

## 清洗方法

### 普通清洗：

僅使用普通的自來水清洗。

將物品放在清洗網中再一同放入清洗槽（或直接將物品放入清洗槽）。

注水至水面漫過物品但不超過最大水位線，按“SET”鍵選擇適當的清洗時間段，按“ON”鍵開使清洗。

### 加強清洗：

加入少許“清洗液”加強清洗效果。

同普通清洗的方法一樣，注水至水面漫過物品但不超過最大水位線，按“SET”鍵選擇適當的清洗時間段，加入少許清洗餐具時用的“清洗劑”約4ml，再按“ON”鍵開始清洗。

### 局部清洗：

分段局部清洗。

對於部分長度較長的物品，可進行分段局部清洗。（例如：刀子，勺子，餐叉等）

注意：在清洗邊緣尖銳的物件時，建議使用附件 - 清洗網，以避免物件與清洗槽因摩擦而產生刮痕。

## 產品保養



清洗結束後，請及時斷開電源，將清洗槽裡的水倒出，並將其擦乾



清洗槽內不得長期存水



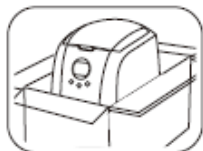
為延長機器的使用壽命，在連續使用三個循環後停機 10 分鐘以上，並更換乾淨的水



擦乾機器上的水，但請不要使用任何化學試劑。



請勿用水直接沖洗機器，以防滲入機器內部電路，而導致機器故障或漏電燈意外發生



應將機器放置於陰涼乾燥處保存。

## 產品規格

產品名稱：	數位超音波清洗器
產品型號：	SS-803F
時間設置：	180s→ 300s→ 480s→ 90s→ 600s
電壓規格及功率：	AC220-240V ~ 50Hz, 50W
超音波頻率：	46,000Hz ( 46 KHz )
清洗槽材質：	Stainless steel SUS304
產品外觀尺寸 (長 x 寬 x 高)：	228 x 172 x 143 mm
清洗槽容量：	700 ml ( MAX- : 600 ml )
插頭形狀：	
產品淨重：	1.0 KGS
產品毛重：	1.4 KGS

**Pro'sKit®**

寶工實業股份有限公司  
PROKIT'S INDUSTRIES CO., LTD.

<http://www.prokits.com.tw>

E-mail : [pk@mail.prokits.com.tw](mailto:pk@mail.prokits.com.tw)

©2011 Prokit's Industries Co., LTD. All rights reserved 2011001(C)